



Sequence Listing.ST25.txt
SEQUENCE LISTING

RECEIVED
JAN 03 2001
TECH CENTER 1600/2900

<110> Pfizer Inc.
Fidock, Mark David

<120> Enzyme PDE xiv

<130> PC10315AGPR

<160> 26

<170> PatentIn version 3.0

<210> 1

<211> 446

<212> PRT

<213> Mouse

<400> 1

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Arg	Gly	Gln	Thr	Gly	Val	Pro	Ala	Glu	Arg	Arg	Gly	Ser	Tyr	Pro	Phe	
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Ile	Asp	Phe	Arg	Leu	Leu	Asn	Asn	Thr	Thr	His	Ser	Gly	Glu	Ile	Gly	
	50					55					60					
Thr	Lys	Lys	Lys	Val	Lys	Arg	Leu	Leu	Ser	Phe	Gln	Arg	Tyr	Phe	His	
65					70					75					80	
Ala	Ser	Arg	Leu	Leu	Arg	Gly	Ile	Ile	Pro	Gln	Ala	Pro	Leu	His	Leu	
			85						90					95		
Leu	Asp	Glu	Asp	Tyr	Leu	Gly	Gln	Ala	Arg	His	Met	Leu	Ser	Lys	Val	
			100					105					110			
Gly	Thr	Trp	Asp	Phe	Asp	Ile	Phe	Leu	Phe	Asp	Arg	Leu	Thr	Asn	Gly	
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Asn	Ser	Leu	Val	Thr	Leu	Leu	Cys	His	Leu	Phe	Asn	Ser	His	Gly	Leu	
			130			135					140					
Ile	His	His	Phe	Lys	Leu	Asp	Met	Val	Thr	Leu	His	Arg	Phe	Leu	Val	
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Met	Val	Gln	Glu	Asp	Tyr	His	Gly	His	Asn	Pro	Tyr	His	Asn	Ala	Val	
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180                               185                               190

Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu
195                               200                               205

Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe
210                               215                               220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser
225                               230                               235                               240

Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu
245                               250                               255

Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gln Asp Ile Glu
260                               265                               270

Gln Gln Leu Gly Ser Leu Ile Leu Ala Thr Asp Ile Asn Arg Gln Asn
275                               280                               285

Glu Phe Leu Thr Arg Leu Lys Ala His Leu His Asn Lys Asp Leu Arg
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Leu Glu Asn Val Gln Asp Arg His Phe Met Leu Gln Ile Ala Leu Lys
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Cys Ala Asp Ile Cys Asn Pro Cys Arg Ile Trp Glu Met Ser Lys Gln
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Trp Ser Glu Arg Val Cys Glu Glu Phe Tyr Arg Gln Gly Asp Leu Glu
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Gln Lys Phe Glu Leu Glu Ile Ser Pro Leu Cys Asn Gln Gln Lys Asp
355                               360                               365

Ser Ile Pro Ser Ile Gln Ile Gly Phe Met Thr Tyr Ile Val Glu Pro
370                               375                               380

Leu Phe Arg Glu Trp Ala Arg Phe Thr Gly Asn Ser Thr Leu Ser Glu
385                               390                               395                               400

Asn Met Leu Ser His Leu Ala His Asn Lys Ala Gln Trp Lys Ser Leu
405                               410                               415

Leu Ser Asn Gln His Arg Arg Arg Gly Ser Gly Gln Asp Leu Ala Gly
420                               425                               430

Pro Ala Pro Glu Thr Leu Glu Gln Thr Glu Gly Ala Thr Pro
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<210> 2
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<212> DNA

<213> Mouse

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<212> PRT

<213> Human

<400> 3

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Arg Gly Gln Thr Gly Val Arg Ala Glu Arg Arg Gly Ser Tyr Pro Phe
35          40          45
Ile Asp Phe Arg Leu Leu Asn Ser Thr Thr Tyr Ser Gly Glu Ile Gly
50          55          60
Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His
65          70          75          80
Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu
85          90          95
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100         105         110
Gly Met Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly
115         120         125
Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Thr His Gly Leu
130         135         140
Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val
145         150         155         160
Met Val Gln Glu Asp Tyr His Ser Gln Asn Pro Tyr His Asn Ala Val
165         170         175
His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro
180         185         190
Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu
195         200         205
Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe
210         215         220
Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser
225         230         235         240
Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu
245         250         255

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Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gly Thr Trp Asp
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<212> DNA
<213> Human

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<211> 450
<212> PRT
<213> Human

<400> 5

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Ile	Asp	Phe	Arg	Leu	Leu	Asn	Ser	Thr	Thr	Tyr	Ser	Gly	Glu	Ile	Gly
	50					55					60				
Thr	Lys	Lys	Lys	Val	Lys	Arg	Leu	Leu	Ser	Phe	Gln	Arg	Tyr	Phe	His
65					70					75					80
Ala	Ser	Arg	Leu	Leu	Arg	Gly	Ile	Ile	Pro	Gln	Ala	Pro	Leu	His	Leu
				85					90					95	
Leu	Asp	Glu	Asp	Tyr	Leu	Gly	Gln	Ala	Arg	His	Met	Leu	Ser	Lys	Val
			100				105						110		
Gly	Met	Trp	Asp	Phe	Asp	Ile	Phe	Leu	Phe	Asp	Arg	Leu	Thr	Asn	Gly
		115					120					125			
Asn	Ser	Leu	Val	Thr	Leu	Leu	Cys	His	Leu	Phe	Asn	Thr	His	Gly	Leu
		130				135					140				
Ile	His	His	Phe	Lys	Leu	Asp	Met	Val	Thr	Leu	His	Arg	Phe	Leu	Val
145					150					155					160
Met	Val	Gln	Glu	Asp	Tyr	His	Ser	Gln	Asn	Pro	Tyr	His	Asn	Ala	Val
				165					170					175	
His	Ala	Ala	Asp	Val	Thr	Gln	Ala	Met	His	Cys	Tyr	Leu	Lys	Glu	Pro
			180					185					190		
Lys	Leu	Ala	Ser	Phe	Leu	Thr	Pro	Leu	Asp	Ile	Met	Leu	Gly	Leu	Leu
		195					200					205			
Ala	Ala	Ala	Ala	His	Asp	Val	Asp	His	Pro	Gly	Val	Asn	Gln	Pro	Phe
		210				215					220				
Leu	Ile	Lys	Thr	Asn	His	His	Leu	Ala	Asn	Leu	Tyr	Gln	Asn	Met	Ser
225					230					235					240
Val	Leu	Glu	Asn	His	His	Trp	Arg	Ser	Thr	Ile	Gly	Met	Leu	Arg	Glu
				245					250					255	
Ser	Arg	Leu	Leu	Ala	His	Leu	Pro	Lys	Glu	Met	Thr	Gln	Asp	Ile	Glu
		260						265					270		
Gln	Gln	Leu	Gly	Ser	Leu	Ile	Leu	Ala	Thr	Asp	Ile	Asn	Arg	Gln	Asn
		275					280					285			
Glu	Phe	Leu	Thr	Arg	Leu	Lys	Ala	His	Leu	His	Asn	Lys	Asp	Leu	Arg
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Cys Ala Asp Ile Cys Asn Pro Cys Arg Ile Trp Glu Met Ser Lys Gln						
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Trp Ser Glu Arg Val Cys Glu Glu Phe Tyr Arg Gln Gly Glu Leu Glu						
	340			345		350
Gln Lys Phe Glu Leu Glu Ile Ser Pro Leu Cys Asn Gln Gln Lys Asp						
	355			360		365
Ser Ile Pro Ser Ile Gln Ile Gly Phe Met Ser Tyr Ile Val Glu Pro						
	370			375		380
Leu Phe Arg Glu Trp Ala His Phe Thr Gly Asn Ser Thr Leu Ser Glu						
	385			390		400
Asn Met Leu Gly His Leu Ala His Asn Lys Ala Gln Trp Lys Ser Leu						
	405			410		415
Leu Pro Arg Gln His Arg Ser Arg Gly Ser Ser Gly Ser Gly Pro Asp						
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His Asp His Ala Gly Gln Gly Thr Glu Ser Glu Glu Gln Glu Gly Asp						
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Ser Pro						
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 <212> DNA
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tag	2823

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Sequence Listing.ST25.txt

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Met Leu Ser Lys Val Gly
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35 40 45

Pro Gly Val Asn Gln Pro Phe Leu Ile Lys Thr Asn His His Leu Ala
50 55 60

Asn Leu Tyr Gln Asn Met Ser Val Leu Glu Asn His His Trp Arg Ser
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Sequence Listing.ST25.txt

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